

玻纤增强PA66 AG40
GlassFiber Reinforced PA66 AG40
产品信息
General Information

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| 特点 Features | ·40%玻纤增强 ·尺寸稳定 ·高强度 ·高耐热 ·40% GlassFiber Reinforced ·Excellent Dimensional Stability ·High Rigidity ·High HDT |
| 应用 Uses | ·电器 ·汽车零部件 ·Electronics ·Automobile parts |
| RoHS信息 RoHS Compliance | ·通过RoHS要求 ·RoHS Compliant |
| 形态 Forms | ·粒子 ·Pellets |
| 加工方法 Processing Method | ·注塑 ·Injection Molding |

产品性能
Product Properties

| 物理性能 Physical | 测试标准 Test standard | 测试条件 Test Condition | 单位 Unit | 典型值 Nominal value |
|---|-------------------------------------|--------------------------------------|--------------------------|------------------------------------|
| 密度 Specific Gravity | ISO 1183 | 23℃,50%H | g/cm ³ | 1.45 |
| 成型收缩率 Mold Shrinkage | ISO 294 | 23℃,50%H | % | 0.2-0.4 |
| 力学性能 Mechanical | | | | |
| 拉伸强度 Tensile Strength | ISO 527 | 50mm/min | MPa | 210 |
| 断裂伸长率 Tensile Elongation | ISO 527 | 50mm/min | % | 2.5 |
| 弯曲强度 Flexural Strength | ISO 178 | 2.0mm/min | MPa | 310 |
| 弯曲模量 Flexural Modulus | ISO 178 | 2.0mm/min | MPa | 12000 |
| 悬臂梁缺口冲击强度 Izod Notched Impact Strength | ISO 180 | 23℃,50%H | KJ/m ² | 13 |
| 热性能 Thermal | | | | |
| 热变形温度 H.D.T未退火 Heat Deflection Temperature (Unannealed) | ISO 75 | 1.80MPa | °C | 250 |
| | | 0.45MPa | °C | 255 |
| 阻燃性 Flammability | | | | |
| 水平燃烧 Horizontal Flammability | UL-94 | 23℃,50%H | Class | HB |

注塑信息
Injection

| | |
|----------------------------|----------|
| 干燥温度 Drying Temperature | 100-120℃ |
| 干燥时间 Drying Time | 2-4h |
| 后段温度 Rear Temperature | 200~230℃ |
| 中段温度 Middle Temperature | 220~270℃ |
| 前段温度 Front Temperature | 260~280℃ |
| 喷嘴温度 Nozzle Temperature | 270~300℃ |
| 模温 Mold Temperature | 80℃-100℃ |

备注:
Note:

1. 所有数据基于本色或特定颜色，仅供选型参考。
All the data are based on uncolored grades or selected colors, provided for reference in grade selection only.
2. 样条测试前经过23℃24h的预处理。
Test Bars pretreated 24h under 23℃ before testing.

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